

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-15 (Canceled).

Claim 16 (New): An electrical connection device configured to supply power to a bushing that delivers filaments, comprising:

a connection jaw clamp; and

an electrical connection piece with no protective sheath and including a flexible body, having a first end connected to the jaw clamp and a free opposite end.

Claim 17 (New): The device as claimed in claim 16, wherein the flexible body of the connection piece includes an assembly of strips stacked on top of one another.

Claim 18 (New): The device as claimed in claim 16, wherein the flexible body of the connection piece includes a braid.

Claim 19 (New): The device as claimed in claim 16, wherein the connection piece is made of copper and/or aluminum.

Claim 20 (New): The device as claimed in claim 16, further comprising an oxidation-resistant coating covering the connection piece.

Claim 21 (New): The device as claimed in claim 16, wherein the first end of the connection piece, connected to the jaw clamp, is fastened to the jaw clamp by a mechanical retention.

Claim 22 (New): The device as claimed in claim 16, wherein the free opposite end of the connection piece, away from the first end connected to the jaw clamp, is formed by a rigid connection pad.

Claim 23 (New): An electrical supply system comprising:
at least one electrical connection terminal;
a current busbar; and
at least one device as claimed in claim 16, which device electrically connects the connection terminal to the busbar, the connection terminal having a connection portion that cooperates with the connection piece, and the busbar having a contact surface against which the free end of the connection piece is attached.

Claim 24 (New): The electrical supply system as claimed in claim 23, wherein the connection device is fastened to the connection terminal by bolting the connection portion to the connection jaw clamp, and the connection device is fastened to the busbar by a mutually cooperating fastener.

Claim 25 (New): The electrical supply system as claimed in claim 24, wherein the mutually cooperating fastener includes projecting elements and slots into which the projecting elements are configured to fit.

Claim 26 (New): The electrical supply system as claimed in claim 24, wherein the mutually cooperating fastener is configured to adjust a position of the connection of the free end of the electrical connection piece to the busbar whatever a position of the connection terminal.

Claim 27 (New): The electrical supply system as claimed in claim 23, wherein the busbar has a geometry configured to bring into contact with its contact surface plural free ends of respective connection devices that are connected to a plurality of connection terminals, respectively.

Claim 28 (New): The electrical supply system as claimed in claim 23, wherein the connection portion of a connection terminal is housed in a groove of the connection jaw clamp, the connection portion having an opening through which a fastening bolt passes, which opening has a shape configured to adjust a position of the fastener.

Claim 29 (New): A fiberizing installation configured to deliver filaments, comprising:

a bushing from which the filaments are drawn, which bushing is heated by at least one electrical supply system as claimed in claim 23.

Claim 30 (New): The fiberizing installation as claimed in claim 29, wherein a terminal or terminals of an electrical supply system are integral with a sidewall of the bushing, whereas the busbar of the electrical supply system is fastened to a wall defining a bushing installation zone.